Form PTO-1449			Docket Number (Optiona, A1712		Application Number 09/761,969							
INFORMATION DISCLOSURE CITATION			Applicant Garrity et al.									
IN AN APPLICATION (Use several sheets if necessary)			Filling Date 01/16/01		Group Art Unit unknown 1641							
U. S. PATENT DOCUMENTS												
EXAMINED INITIAL	DOCUMENT NUMBER 3.901.654	DATE	NAME	CLASS	SUBCLASS	RULIN IF APPR	G DATE OPRIATE					
LYC	3,901,654	08/1975	Gross	23	230B	6/21/71						
	3,880,934	04/1975	Rammler	260	61317	2/10/72						
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	3,839,153	10/1974	Schuurs et al.	195	103.R	12/10	171_					
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					001 /	YES	NO					
4/C	GB 1,392,403	4/30/75	United Kingdom	COGC	79/34	х	-X					
FR 2,201,299 4/21974 France C076 17/00												
	OTHER DOCUM	MENTS (Including	Author, Title, Date, Pertiner	nt Pages, Et	c.)							
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Docket Number (Optional) A1712 Application Number 09/761,969 **INFORMATION DISCLOSURE CITATION** Applicant Garrity et al. IN AN APPLICATION unknown 1641 Filing Date 01/16/01 (Use several sheets if necessary) Group Art Unit **U. S. PATENT DOCUMENTS** DOCUMENT NUMBER SUBCLASS CLASS RULING DATE EXAMINER INITIAL DATE NAME 195 99 4,121,975 10/78 Ullman et al. 04/83 4,380,580 Boguslaski et al. MAR 2 2001 436 501 4,816,417 03/89 DeLuca et al. 5 435 4,935,339 06/90 Zahradnik MADEMA 436 *5*42 Self 4,956,303 09/90 542 436 DeLuca et al. 11/91 5,064,770 50 5,110,833 05/92 Mosbach 90 546 102 5,110,932 05/92 Law et al. 507 5,202,266 04/93 Nakagawa et al. 08/93 Bouillon et al. 5,232,836 '04 5,281,712 01/94 McCapra et al. 104 546 01/94 McCapra 5,283,334 107 546 5,284,951 02/94 McCapra et al. 546 104 02/94 Ramakrishnan 5,284,952 546 5,290,936 03/94 Beheshti et al. 104 06/94 McCapra 104 5,321,136 **FOREIGN PATENT DOCUMENTS** COUNTRY CLASS SUBCLASS TRANSLATION DOCUMENT NUMBER DATE YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) "Measurement of Calcium, Phosphate, Parathyroid Hormone, and Vitamin D" by Heinrich Schmidt-Gayk; Dynamics of Bone and Cartilage Metabolism pp. 375-399; (1999) "Determination of vitamin D3 metabolites: state-of-the-art and trends" by Luque de Castro et al.; Journal of Pharmaceutical and Biomedical Analysis 20 (1999) pp. 1-17 "Two Direct (Nonchromatographic) Assays for 25-Hydroxyvitamin D" by Bouillon et al.; Clinical Chemistry, Vol 30 No. 11 pp 1731-1736; (1984) Directional insert of Biosource International Europe S.A. entitled: "25OH-VIT.D3-RIA-CT" Directional, insert of IDS, Inc. entitled: "Gamma-B 25-Hydroxy Vitamin D RIA" AA-35PS, 01/06/1999, issue 3 > EXAMINER V **DATE CONSIDERED** isa.

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Form PTO-1449 Docket Number (Optional) A1712 Application Number 09/761,969 INFORMATION DISCLOSURE CITATION Applicant Garrity et al. IN AN APPLICATION Group Art Unit unknown 64/ Filing Date 01/16/01 (Use several sheets if necessary) **U. S. PATENT DOCUMENTS** CLASS SUBCLASS **RULING DATE** NAME EXAMINER INITIAL DOCUMENT NUMBER DATE 1_1C 546 5,338,847 08/94 McCapra 104 104 03/95 Ramakrishnan 5,395,938 501 07/96 Law et al. 5,538,901 MAR 5,641,690 06/97 Self 23. 5,705,622 01/98 McCapra b 09/98 Davalian et al. 5,807,675 63 436 5,821,020 10/98 Hollis 11/98 Toole et al. 5,840,867 LYC Holick et al. 5,981,779 11/99 **FOREIGN PATENT DOCUMENTS** COUNTRY CLASS SUBCLASS TRANSLATION **DOCUMENT NUMBER** DATE YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) LYC Directional insert of Nichols Institute Diagnostics entitled: "25-OH-D 60T kit" Instruction Manual of Incstar Corporation (07/1992) Instruction manual for Jummn Diagnostik entitled: "25OHVitamin D Enzume-based-Protein -Binding-Assay" "Competitive protien-Binding Radioassays for 25-OH-D; Clinical Applications; by Hadda, Jr. DATE CONSIDERED **EXAMINER** Lisa. V (EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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	○ DE 198 40 435	12-30-1999		GOIN	33/82		X				
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LYC	V"The Simultaneous Measurer Calcium Nephrolithiasis" by no 5, (1978) pp.840-849	ment of Vitamin D l Caldas, A.E., et al.	Metabolites in Plasma: Stud Journal of Laboratory and	ies in Health Clinical Me	y Adults and in edicine, St. Lou	n Patients is, MO, V	with ol 91,				
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LYE	Circulating Concentration of	"Comparison of the Nichols Advantage and the Conventional Competitive Protein Binding Assay for the Measurement of Circulating Concentration of 25-Hydroxyvitamin D in Human and Non-Human Primates." by Chen, T.C., et al.; <i>Journal of Bone and Mineral Research</i> , Vol 16, No. Suppl 1; Sept. 2001 (2001-09), pg S434									
LYC	PCT International Search Re	port; June 6, 2003									
EXAMINER	Jisa Llook		DATE CONSIDERED								
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